INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/22946

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A01N 43/40, 43/42; A61K 31/47, 31/445; C07J 31/00, 41/00, 9/00 US CL : 514/314, 317, 822; 552/550 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)						
U.S.: 514/314, 317, 822; 552/550 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST (USPATS, USPGPUB, USOCR), CAPLUS, BIOSIS, MEDLINE						
C. DOCL	JMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where app			Relevant to claim No.		
Х	SMYTHE, M.A., et al. Venous limb gangrene during overlapping therapy with warfarin and a direct thrombin inhibitor for immune heparin-induced thrombocytopenia. American Journal of Hematology, 2002, Vol. 71, pages 50-52, especially p.52.			1-13		
x	KONDO, L.M., et al. Argatroban for prevention and treatment of thromboembolism in heparin-induced thrombocytopenia. Annals of Pharmacotherapy, April 2001, Vol 35, pages 440-451, especially pages 442 and 446.			1, 3-13		
х	ADKINS, J.C., et al. Lepirudin: a review of its potential place in the management of thrombotic disorders. BioDrugs. September 1998, Vol. 10, No.3, pages 227-255, especially p. 228, 232-233, 239-241, 247, and 249-251.			1-5, 7-9		
<u>х</u> <u>ү</u>	LAPOSATA, M.L., et al. College of American Pathologists conference XXXI on laboratory monitoring of anticoagulant therapy: The clinical use and laboratory monitoring of low-molecular-weight heparin, danaparoid, hirudin and related compounds, and argatroban. Archives of Pathology and Laboratory Medicine. September 1998, Vol. 122, No. 9, pages 799-807, especially pages 801 and 804-805.			1-9 10-13		
Further	r documents are listed in the continuation of Box C.		See patent family annex.			
"A" documen	Special categories of cited documents: at defining the general state of the art which is not considered to be ular relevance	"X"	later document published after the inte date and not in conflict with the applic principle or theory underlying the inv document of particular relevance; the	cation but cited to understand the ention		
1	pplication or patent published on or after the international filing date	^	considered novel or cannot be considered when the document is taken alone			
establish specified	at which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as treferring to an oral disclosure, use, exhibition or other means	"Y"	document of particular relevance; the considered to involve an inventive ste combined with one or more other suc being obvious to a person skilled in the	p when the document is h documents, such combination		
"P" document published prior to the international filing date but later than the priority date claimed		"&"	document member of the same patent			
Date of the actual completion of the international search		Date of	mailing of the international sear	ch report		
18 January 2005 (18.01.2005)		L	15 MAR 2005	1		
Name and mailing address of the ISA/US		Authori	zed officer III MU	6/Wats		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450			Barnhart			
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Telepho	one No. 571-272-1600			

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/22946

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim N
X	HURSTING, M.J. et al. The international normalized ratio during concurrent warfarin and argatroban anticoagulation: differential contributions of each agent and effects of the choice of thromboplastin used. Clinical Chemistry. 1999, Vol. 45, No. 3, pages 409-412, especially p. 411.	1-13
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Box No. VIII(iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States

of America). The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII(I) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request

Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).					
This application is directed to international application No. PCT/	(if furnishing declaration pursuant to Rule 26ter).				
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.				
I hereby state that I have reviewed and understand the contents of the claims of said application. I have identified in the request of said application foreign priority, and I have identified below, under the heading "I Member of the World Trade Organization, day, month and year of filled in a country other than the United States of America, including one country other than the United States of America, having a filing priority is claimed.	plication, in compliance with PCT Rule 4.10, any claim Prior Application," by application number, country or illing, any application for a patent or inventor's certificate any PCT international application designating at least				
Prior Applications: (prior to p	riority)				
I hereby acknowledge the duty to disclose information that is known C.F.R. §1.56, including for continuation-in-part applications, materidate of the prior application and the PCT international filing date of	al information which became available between the filing				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the Uited States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
Name: Margaret M. GARDNER					
Residence: One Franklin Plaza, P.O. Box 7929, Philadelphia, Penns	sylvania 19101, United States of America				
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: 7/15/0 4 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)				
Name: Marcie J. HURSTING					
Residence: 11329 Berger Terrace, Potomac, Maryland 20854, United States of America					
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939					
Citizenship: United States of America					
Inventor's Signature: Maleil Austrice (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: 7/13/03/ (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)				

This declaration is continued on the following sheet, "Continuation of Box No. VIII(iv)".

	PCT/US2004/022946				
Continuation of Box No. VIII(i) to (v) Declaration If the space is insufficient in any of Boxes Nos. VIII(I) to (v) to furnish all the informatino, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII " (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.					
Name: Elizabeth A. TARKA					
Residence: 2301 Renaissance Blvd., King of Prussia, Pennsylvania 19406, United States of America					
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: 7 15 04 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)				
Name: Catherine N. VERME-GIBBONEY					
Residence: One Franklin Plaza, P.O. Box 7929, Philadelphia, Pennsylvania 19101, United States of America					
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939					
Citizenship: United States of America					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)				

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Continuation of Box No. VIII(5) to (v) Declaration	PCT/US2004/022946			
If the space is insufficient in any of Boxes Nos. VIII(I) to (v) to further than two inventors are to be named in Box No. VIII (iv), in such consistent number of the Box) and furnish the information in the same in space was insufficient. If additional space is needed in respect of be used for each such declaration. If this Box is not used, this she	nish all the informatino, including in the case where more ase, write "Continuation of Box No. VIII" (indicate the nanner as required for the purposes of the Box in which the two or more declarations, a separate continuation box must			
Name: Elizabeth A. TARKA				
Residence: 2301 Renaissance Blvd., King of Prussia, Pennsylvan	ia 19406, United States of America			
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939				
Citizenship: United States of America				
Inventor's Signature:	Date:			
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)			
Name: Catherine N. VERME-GIBBONEY				
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Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939				
Inventor's Signature: While Yumb Guborey (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: 41504 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)			